



Crop Weather Report

Issue: 07-30
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Monthly: Nov-Mar

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For the Week Ending:
Sept. 30, 2007

Weather Summary

Temperatures during the week ending September 30th were below normal with average temperatures mostly in the 40s and 50s. Miles City had the high temperature of 86 degrees, and Wisdom had the low temperature of 15 degrees. Most areas across the state received above normal precipitation, except for the southeast district which had below normal moisture for the third week in a row. On September 29th, Dillon, Helena, Townsend, and Neihart all had record amounts of precipitation. Wisdom received a record high snowfall of 1.0 inch on that day. Ennis had the highest weekly accumulation of moisture at 1.18 inches. Topsoil moisture adequate and surplus is 40 percent, above last week's 26 percent but below last year's 66 percent and the five-year average of 41 percent. Subsoil moisture adequate and surplus, at 28 percent, is above last week's 23 percent and the five-year average of 22 percent but is below last year's 30 percent. There were 5.4 days suitable for fieldwork compared to 5.8 days the previous week.

The weather outlook for October 8th through October 14th is for above normal temperatures and below normal precipitation east of the continental divide and for above normal temperatures and above normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the mid 50s to the mid 60s and lows in the mid 20s to 40 degrees.

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	22	39	9	24
Short	38	35	25	35
Adequate	38	24	64	39
Surplus	2	2	2	2
Subsoil Moisture				
Very Short	35	45	24	39
Short	37	32	46	39
Adequate	28	23	30	22
Surplus	0	0	0	0
Days Suitable for Fieldwork				
Days	5.4	5.8	5.3	5.9

Livestock Report

All cattle and sheep moved to summer ranges is 35 percent complete. Range and pasture feed conditions improved slightly from recent moisture. Calves in the northern part of the state are being preconditioned before winter.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	13	12	16	24
Poor	22	20	26	26
Fair	36	42	39	32
Good	27	23	15	16
Excellent	2	3	4	2
Moved From Summer Ranges				
Cattle and Calves	35	29	53	45
Sheep and Lambs	35	28	42	43

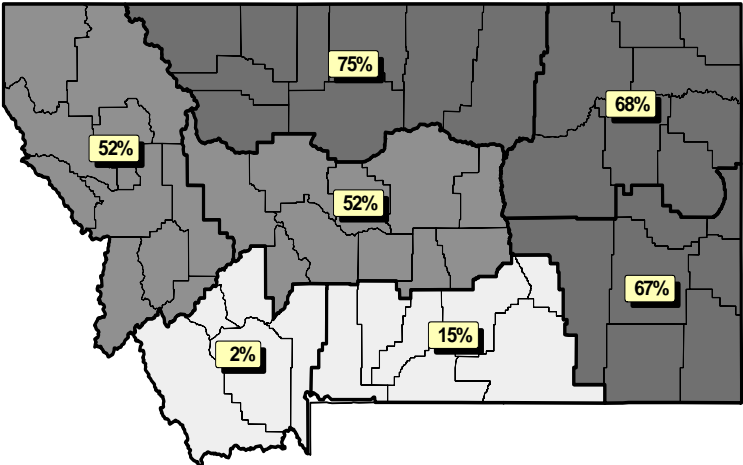
Field Crops Report

Eighteen percent of winter wheat has emerged compared to 13 percent last year. Ninety-three percent of corn for silage has been chopped. Reports indicate quality and yield of corn are good. Harvest of the specialty crops is almost complete across the state, and little hay remains to be cut. Farmers have started harvesting sugar beets.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Winter Wheat	69	54	65	70
Emerged				
Winter Wheat	18	5	13	19
Harvested				
Dry Beans	92	85	95	83
Flaxseed	97	95	99	n/a
Safflower	87	58	87	n/a
Corn for Silage	93	87	86	79
Corn for Grain	7	6	1	n/a
Hay, Second Cutting				
All Other	93	92	97	94

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Corn				
Very Poor	0	0	5	n/a
Poor	1	2	2	n/a
Fair	11	12	16	n/a
Good	73	65	56	n/a
Excellent	15	21	21	n/a

Winter Wheat Planted, Montana
by District for week ending September 30, 2007



Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	71	27	48	9	-16	0.51	+0.30	6.59	-1.16	85	17.20	+3.74	128
Anaconda	72	22	46	7	-9	0.19	-0.11	10.86	+0.58	106	16.98	+2.41	117
Clinton	72	22	48	10	-15	0.26	+0.05	9.29	+1.54	120	18.01	+4.55	134
Corvallis	74	28	50	16	-7	0.24	-0.03	5.56	-1.98	74	8.40	-4.87	63
Creston	70	31	48	7	-11	0.42	+0.03	6.91	-4.80	59	11.56	-8.40	58
Deer Lodge	74	25	47	8	-4	0.08	-0.13	7.92	+0.09	101	11.18	+0.48	104
Drummond	74	20	47	5	-15	0.17	-0.09	9.03	+0.53	106	12.77	-0.59	96
Hamilton	74	31	53	23	+0	0.30	+0.03	6.06	-1.48	80	10.04	-3.23	76
Kalispell	72	29	49	15	-3	0.43	+0.19	6.29	-2.67	70	12.19	-4.32	74
Missoula	71	29	50	17	-8	0.67	+0.46	5.63	-2.12	73	11.13	-2.33	83
Olney	66	23	42	0	-14	0.18	-0.10	4.74	-5.95	44	16.44	-6.60	71
Polson	71	30	52	19	-11	0.39	+0.08	8.85	-1.21	88	13.70	-2.97	82
St Ignatius	72	34	52	20	-7	0.36	+0.01	8.36	-2.06	80	13.71	-2.95	82
Seeley Lake	71	29	47	2	-16	0.26	-0.02	6.10	-3.15	66	16.64	-4.90	77
Sula	74	20	46	2	-13	0.32	+0.04	10.14	+0.17	102	15.52	-0.74	95
Superior	72	27	50	10	-25	0.04	-0.20	9.41	+1.41	118	19.22	+2.65	116
Swan Lake	72	27	45	5	-12	0.46	-0.02	10.22	-2.15	83	25.97	-2.46	91
Thompson Falls	74	32	52	22	-15	0.43	+0.15	7.16	-2.00	78	24.69	+1.72	107
West Glacier	66	29	47	2	-15	0.20	-0.29	9.08	-4.18	68	25.93	-3.17	89
NORTH CENTRAL													
Chester	77	29	46	11	-18	0.25	+0.11	6.46	-1.77	78	10.20	-0.44	96
Chinook	82	32	49	14	-18	0.58	+0.28	9.67	+0.01	100	13.46	+1.06	109
Choteau	73	27	49	6	-32	0.11	-0.08	5.31	-3.29	62	7.02	-3.55	66
Cut Bank	74	31	48	11	-13	1.07	+0.88	4.45	-5.01	47	4.93	-6.86	42
Ft Assinniboine	83	34	49	16	-22	0.89	+0.63	9.69	+0.68	108	13.20	+1.17	110
Fort Benton	82	33	50	17	-21	0.41	+0.15	8.88	-1.38	87	13.21	-1.17	92
Goldbutte	74	31	51	15	-13	0.22	-0.06	9.75	-0.55	95	13.87	+0.82	106
Harlem	84	27	51	18	-14	0.17	-0.10	9.83	+0.79	109	12.84	+1.19	110
Havre	81	32	51	24	-10	0.90	+0.66	9.56	+1.39	117	12.95	+1.79	116
Malta	83	31	53	27	-4	0.07	-0.16	10.36	+0.36	104	13.14	+0.51	104
Rudyard	79	28	47	12	-27	0.31	+0.00	10.16	-0.34	97	13.47	-0.41	97
Shelby	75	28	48	8	-24	0.89	+0.68	6.58	-3.19	67	9.98	-2.16	82
Turner	79	32	51	20	-11	0.18	-0.05	8.63	-1.37	86	10.46	-2.17	83
Valier	73	32	50	19	-13	0.43	+0.22	7.32	-2.45	75	9.26	-2.88	76
NORTHEAST													
Bredette	77	27	51	20	-9	0.06							

Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days